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U. S. Department of Agriculture

DESCRIPTIVE CATALOG



RUSSELLVILLE NURSERY CO. PORTLAND, OREGON

Postoffice Address
Rural Route No. 1, Montavilla Station
Portland, Oregon

TELEPHONE TABOR 204

Nurseries Located on Villa Avenue and on the Barr Road
Office at East Ninety-Sixth and Burnside Streets
OVER THIRTY YEARS IN BUSINESS

LOCATION—Russellville Nurseries and general office are located at Russellville Station on the Troutdale car line, or may be reached from the end of the Montavilla car line, walking east to the Russellville road, which leads directly into the grounds. Visitors are always welcome except Sundays, when the grounds are closed.

PLANTING SEASON—Stock should not be planted until dormant in the Fall nor after growth starts in the Spring. Under ordinary weather conditions therefore our digging and shipping season begins in late October and continues until early April, the winters generally being sufficiently mild to permit safe handling of nursery stock, with but few short interruptions. Early Fall planting is preferable as a rule as roots form all Winter and stock is ready to grow as soon as warm weather begins.

It is advisable to order early, as a better selection and more complete assortment can be had. Orders placed early are generally planted early. Orders can be placed early with instructions to ship at a given time, when you are ready to plant.

PRICES AND DELIVERY—It is our aim and intention to give good value to all purchasers. Mail orders receive personal attention in selecting and packing, and will be shipped in accordance with instructions. We can send small items by mail, also to out-of-the-way points not reached by express lines. Ten per cent of order should be added to cover postage charges. If no shipping instructions are given, orders will be sent by express or freight, as we may judge most convenient and satisfactory, customer paying the charges, but our responsibility ceases in all cases with delivery to transportation company on outside orders, and Portland orders are delivered free within city limits. Transportation charges, by express or freight, are not high as both are given low special rates.

TERMS OF PAYMENT—Net cash. Unknown correspondents should send cash with their order.

GUARANTEE—The living of trees and shrubbery is largely dependent upon conditions of soil, weather and after-care beyond the nurseryman's control; therefore, we do not guarantee any stock to live after leaving the nursery in good condition. If there is any cause for complaint please advise promptly on receipt of stock. After it is received and planted the purchaser can have no reason for complaint to the grower.

We do, however, warrant stock true to name and will replace any that may prove otherwise, or will refund the original purchase price, but will not be responsible for more than price paid for stock, and all sales are made with this understanding.

SUBSTITUTION—In cases where patrons are unacquainted with varieties, the selection may be left to us. When ordering please state whether substitution will be allowed, should we be out of any varieties or sizes called for. In the absence of instructions, we usually feel at liberty to fill orders with other similar and if possible better varieties which we may have on hand at the time.

CAUTION—Be careful in unpacking to note everything, and either plant or cover up with moist soil at once. Moisten the roots and do not allow them to become dry.

We want you for a satisfied customer. Write us for special quotations.

Ornamentals

Deciduous Trees

Each \$1.00; 10, \$9.00

ALDER (*Glutinosa*) CUT LEAVED (G. *Imperialis*) Statey tree with large, deeply cut foliage.

Each \$1.00; 10, \$9.00

ASH (*Fraxinus*) **AMERICAN WHITE** (F. *Americana*) This is a rapid growing, long-lived tree of fine proportions and is a very desirable shade tree.

EUROPEAN (F. *Excelsior*) Foliage small and deep green.

Each, \$1.50

FLOWERING (F. *Ornus*) Large clusters of greenish-white fragrant flowers in the Spring.

Each \$1.50; 10, \$12.50

BEECH (*Fagus*) **AMERICAN** (F. *Americana*) Unequalled for splendor.

Each .75c; \$10, \$6.00

EUROPEAN (F. *Sylvatica*) This is the Beech famous in England and seems to thrive equally well in this country.

5 to 6 ft., \$1.50

PURPLE LEAF (F. *Sylvatica Purpurea*) The well-known purple-leaved beech. It's brilliant foliage makes it a very effective tree where rich color effects are wanted.

Each, \$1.50; 10, \$12.50

BIRCH (*Betula*) **EUROPEAN WHITE** (B. *Alba*) Silvery white bark and slender drooping branches.

Each, \$3.50

CATALPA (*Bignonioides*) **BUNGEII** (B. *Nana*) Forms a dense, round umbrella-like head.

Each, \$1.50; 10, \$12.50

WESTERN (B. *Speciosa*) Very rapid grower, fine as a quick shade.

COTTONWOOD. See Poplar.

Each, \$1.00; 10, \$10.00

ELM (*Ulmus*) **AMERICAN WHITE** (U. *Americana*) A native of this section; a magnificent tree with drooping branches.

Each, \$1.00; 10, \$10.00

CORK BARK (U. *Alatus*) Desirable for street planting. Young branches very corky.

Each, \$1.50

PURPLE LEAVED (U. *Campestris Purpurea*) Leaves rich purple.

Each, \$1.50

AMERICAN BLACK (U. *Americana Purpurea*) Same as above though more erect.

Each, \$1.00; 10, \$9.00

ENGLISH (U. *Campestris*) A rapid grower, standing erect and compact. Foliage dark green.

Each, \$1.50

EMPRESS TREE (*Paulownia Imperialis*) Tropical looking, rapid growing, with large round leaves, purple clusters of flowers in the Spring.

4 to 6 ft., \$1.00

FRINGE (*Chionanthus Virginica*) Small; foliage dark green; bunches of pure white flowers in May.

GOLDEN CHAIN. See Laburnum.

Each, \$1.50

HAWTHORNE (*Crataegus*) **PAUL'S DOUBLE SCARLET** (C. *Monogyna Pauli*) A tree of fine habit; flowers bright scarlet, large, full and very double in heavy clusters on long sprays.

\$1.50 Each

DOUBLE WHITE (C. *Monogyna Alba Plena*) Flowers small. Leaves lustrous green color.

Each \$1.00; 10, \$7.50

HORSE CHESTNUT (*Aesculus*) **WHITE FLOWERING** (A. *Hippocastanum*) Foliage showy, flowers stand in upright panicles.

Each, \$1.25; 10, \$8.00

RED FLOWERING (A. *Rubricunda*) Same as above, flowers red.

5 to 6 feet, \$1.50

LUBURNUM (L. *Vulgari*) A beautiful small growing tree, with long, drooping racemes of fragrant yellow flowers.

Each, \$2.00

LARCH (*Larix*) **AMERICAN** (L. *Americana*) Tree native, rapid grower.

Each, \$2.00

EUROPEAN (L. *Europea*) A tall conical tree, very graceful in park and landscape; remarkable for its soft green foliage, which expands with the first warm days of early Spring.

Each, \$1.50; 10, \$12.50

LINDEN (*Tilia*) **AMERICAN** (T. *Americana*) Shapely and handsome, foliage large.

Each, \$1.50; 10, \$12.50

EUROPEAN (T. *Europea*) Similar to American. Leaf smaller.

Each, \$1.00; 10, \$6.50

LOCUST (*Robinia*) **BLACK** (R. *Pseudacacia*) Rapid grower, fine for street planting.

Each, \$2.50

MAGNOLIA. **CUCUMBER TREE** (*Magnolia Acuminata*) Tall, pyramidal tree. Showy leaves and yellowish white flowers.

4 to 6 ft., \$1.00

MAIDEN HAIR TREE (*Ginkgo Biloba*)
Foliage resembles maiden hair fern; yellowish-green.

Each, \$1.50; 10, \$12.50

MAPLE (*Acer*) **ASH LEAVED** (*A. Negrundo*) A rapid grower, fine street tree, foliage ash-like.

6 to 8 ft., \$1.00

OREGON SOFT (*A. Macrophyllum*) A rapid grower, fine for avenues. Leaves large.

6 to 8 ft., \$1.50

SYCAMORE (*A. Pseudoplatanus*) Tree large and spreading with handsome foliage.

6 to 8 ft., 8 to 10 ft.

SILVER (*A. Saccharinum*) A rapid grower, graceful and very beautiful; leaves silvery.

8 to 10 ft.

NORWAY (*A. Platanoides*) Large, growth compact; foliage deep green. Handsome.

6 to 8 ft., 8 to 10 ft.

PURPLE LEAF SYCAMORE (*A. Pseudoplatanus purpurascens*) Purplish green foliage, sycamore-like.

6 to 8 ft., 8 to 10 ft.

RED (*A. Rubrum*) Medium grower, compact and shapely. Fine for lawn or avenue.

6 to 8 ft., 8 to 10 ft.

SUGAR OR HARD (*A. Saccharum*) A rapid grower, popular in the East; a shapely tree with beautiful autumnal coloring.

2 to 3 ft. \$1.50

DWARF MAPLE (*Acer Palmatum*) **JAPAN RED** (*A. P. Sanguineum*) Very handsome, leaves crimson red.

2 to 3 ft. \$1.50

JAPAN VARIEGATED (*A. P. Var.*) Leaves white and green. Pretty and striking.

2 to 3 ft. \$2.50

RED CUT LEAF (*A. P. Dissectum*) The foliage is a rich crimson color, thin graceful and as delicately cut as the finest fern. One of the finest and most distinct and effective varieties.

2 to 3 ft., \$1.00

GREEN LEAF (*A. P. Aurea*) Very handsome, leaves bright green.

6 to 8 ft., \$1.00; 8 to 10 ft., \$1.50

MOUNTAIN ASH (*Sorbus*) **AMERICAN** (*S. Americana*) Very ornamental, handsome foliage turning orange red in the Fall. Red berries remain on the tree most of the Winter.

EUROPEAN (*S. Aucuparia*) White flowers, then beautiful red berries.

5 to 6 ft., \$1.25

MULBERRY (*Morus*) **DO WNING'S EVERBEARING** (*M. Rubra*) A rapid grower with good fruit. Fine as a shade tree.

NEW AMERICAN (*M. Americana*) A rapid grower, handsome; splendid as a shade tree.

Each, \$1.00; 10, \$8.50

HICKS AMERICAN (*M. Americana Hicks*) A strong thrifty grower; fruit large, black and fine flavor.

OAK (*Quercus*) **ENGLISH** (*Q. Pedunculata*) Low growing, spreading habit and rapid growth.

Each, 75c; 10, \$6.50

RED AMERICAN (*Q. Rubra*) A rapid grower, large size.

Each, \$1.50; 10, \$12.50

PYRAMIDAL (*Q. Pedunculata Fastigiata*) Handsome with pyramidal branches and deep green foliage.

Each, 75c; 10, \$6.50

SCARLET (*Q. Coccinea*) Pyramidal shape, foliage changes to bright red in Fall.

6 to 8 ft. \$2.00; 8 to 10 ft. \$2.50

OAK PIN (*Q. Palustris*) The Pin Oak is by far the most planted of all the native oaks. Graceful in form, glossy deeply-pinnated foliage. Splendid for lawn or street.

OAK RED (*Q. Rubra*) Ideal for lawn or street.

OAK SCARLET (*Q. Coccinea*) Leaves resemble the pin Oak somewhat in form and coloring.

OAK WHITE WATER (*Q. Bicolor*).

OAK CORK BARK. Large acorn overcup shell.

6 to 8 ft. 75c; 8 to 10 ft. \$1.00

POPLAR (*Populus*) **BOLLE'S SILVER** (*P. Alba Bolleana*) A compact upright grower, foliage glossy.

LOMBARDY (*P. Nigra Fastigiata*) An erect, rapid grower.

BALM OF GILEAD (*P. Candicans*) Tall and handsome, branches spreading.

CAROLINA (*P. Carolinensis*) A very rapid grower.

COTTONWOOD (*P. Deltoidea*) A very rapid growing, soft wood tree with spreading head.

5 to 6 ft. \$1.50

PURPLE LEAF PLUM (*Prunus*)
PRUNUS PISSARDI. Foliage and fruit entirely red. Plums very good quality. Very attractive.

PRUNUS VESUVIUS. Burbank's origin. Crimson foliage with crumpled surface.

THUNDER CLOUD, Burbank's origin. Purest purple and best of foliage.

6 to 8 ft. \$1.50

SUMAC (*Rhus*) **SMOOTH** (*R. Glabra*) Shrub or low tree with an open crown. Leaves bright green turning scarlet in Fall. Flowers in large clusters, followed by crimson fruits, which hang on all winter.

CUT LEAF (*R. Glabra Laciñata*) a beautiful tree with large leaves deeply and finely cut and drooping, graceful habit.

STAGHORN (*R. Hirta*) This remarkable new variety of our native sumac has the same rapid growth as our common form, but the leaves are so beautifully formed that they rival the most delicate fern.

5 to 6 ft. \$1.00

SYCAMORE OR PLANE (*Platanus*) **AMERICAN** (*P. Occidentalis*) Has broad foliage and handsome bark.

ORIENTAL (*P. ORIENTALIS*) Erect growing tree with mottled trunk. Foliage bright green.

6 to 8 ft. \$1.25; 6 to 10 ft. \$1.50

SWEET GUM (*Liquidambar Styaciflua*) A very beautiful American tree with glossy green, star-shaped foliage.

TULIP TREE (*Liriodendron Tulipifera*) Leaves light, glossy green, fiddle shaped flowers, greenish yellow, tulip shaped.

Each, 65c; 10, \$5.00

WILLOW OSIER (*Salix*) A low growing tree, valuable for basket weaving.

WALNUT. See nut trees.

Weeping Trees

Each, \$1.25; 10, \$10.00

ASH (*Fraxinus*) **EUROPEAN WEEPING** (*F. Excelsior*) Splendid arbor tree.

Each, 75c; 10, \$6.50

WILLOW (*Salix*) **WISCONSIN** (*S. Babylonica dolorosa*) Large glossy leaves and very pendulous habit.

Each, 50c; 10, \$4.50

AMERICAN (*S. Babylonica*) The well known common weeping willow.

6 ft. and 2 year heads, each \$1.00 to \$1.50

KILMARNOCK (*S. Caprea Pendula*) A distinct variety, having reddish shoots and large, glossy foliage. They make a most desirable and graceful drooping small tree for lawns.

Each \$2.00

BIRCH (*Betula*) **CUT LEAVED WEEPING** (*B. Laciñata Pendula*) Trailing habit with dense, irregular head.

4 to 6 ft., \$1.25

CHERRY (*Cerasus*) **JAPANESE WHITE** (*C. Pendula*) Graceful and very beautiful, hard to equal.

Each, \$1.50; 10, \$12.50

ELM (*Ulmus*) **CAMPERDOWN WEEPING** (*U. Seabra Pendula*) Vigorous branches, forming a roof-like head.

6 to 8 ft., \$1.50

MAPLE (*Acer*) **WIER'S CUT LEAVED** (*A. Saccharinum wieri*) Very handsome with cut foliage.

Each, \$1.50; 10, \$12.50

MULBERRY (*Morus*) **TEA'S WEEPING** (*M. Alba Pendula*) Very graceful; branches long and slender and drooping parallel to trunk.

Climbing Vines

50c

BOSTON IVY (*Ampelopsis Veitchii*) Leaves glossy green, coloring bronze in Fall; flowers small; berries deep blue.

75c

CLEMATIS. **JACKMANII.** Large deep purple.

HENRYII. Large white.

VILLA DE LYON. Large bright red.

50c

PANICULATA. Hardy, Jap climber, clusters of white, fragrant flowers.

3 to 4 ft. 50c

HONEYSUCKLE (*Lonicera*) **TARTARIAN** (*L. Tartarica*) Deciduous; flowers pink.

CHINESE (*L. Chinensis*) Half evergreen, flowers white and pink; fragrant.

JAPANESE (*L. Japonica*) Evergreen; fragrant flowers, white changing yellow.

HALLS (*L. Halleana*) Evergreen, very popular; white turning to yellow.

Clump, 2 to 3 ft., 50c

IVY ENGLISH (*Hedera Helix*) Large, thick, shining, leathery leaves.

Clump; 2 to 3 ft., 50c
JASMINE (Jasminum) **YELLOW** (J. Nudiflorum) Branches drooping; enveloped with bright yellow flowers before leaves appear.
 2 to 3 ft. 35c

TRUMPET VINE (Tecoma Grandiflora) Strong climber; deciduous; flowers orange scarlet.
 2 to 3 ft. 35c

VIRGINIA CREEPER (Ampelopsis Quinquefolia) Common American Ivy.
 2 to 3 ft. ~~50~~ \$1.50

WISTARIA. **CHINESE PURPLE** (W. Chinensis) Flowers pea-shaped, in clusters.
 2 to 3 ft. \$1.50

CHINESE WHITE (W. Chinensis) Same same as purple.
 2 to 3 ft. \$1.25

AMERICAN (W. Frutescens) Flowers pale lilac, with yellow spots; blooms later.
 2 to 3 ft. \$1.00

DUTCHMAN'S PIPE (Aristolochia Macrophylla) Leaves like great Morning Glory foliage; curious pipe-like flowers. A splendid vine of extreme hardiness and very characteristic foliage.

Deciduous Shrubs
 3 to 4 ft. ~~50~~ \$1.50

ALMOND (Prunus) **PINK FLOWERING** (P. Japonica) Well known early dwarf shrub. Double clear pink little roses festoon the gracefully bending branches.

WHITE FLOWERING (P. Japonica) Same though white flowers.

ARROW WOOD (Viburnum Dentatum) A handsome shrub adapted to wet soils.
 2 to 3 ft. 75c

WEIGELIA. **CANDIDA**. Flowers white; bush tall and very graceful.
ROSEA. Flowers light pink, shrub compact and shapely.

EVA RATHKE. Flowers red. One of the very best. Slightly dwarf.

VARIEGATED. Leaves become silvery white.
 2 to 3 ft. 50c

SPIREA. **SPIRAEA THUNBERGII**. Charming spiraea with graceful form and abundant blooms.

SPIRAEA or **NINEBARK GOLDEN-LEAF** (P. opul. var.) Golden-leaved form of preceding.

BILLARD'S (S. Billardi) Flowers red in dense spikes, blooms most of Summer.

VAN HOUTTE'S BRIDAL WREATH (S. Vanhouttei) Very graceful; flowers white in round clusters. May.

CRIMSON—Anthony Waterer (S. Bumalda) A most desirable variety, having deep red flowers, blooming all Summer, fine for foreground planting.

JAPANESE (S. Callosa) Purplish foliage while young, flowers rosy pink in July.
 Clump, 2 to 3 ft. ~~50~~ \$2.50

TREE PEONY. Red, White, Pink.
 2 to 3 ft. ~~50~~ \$1.50

TAMARIX. Elegant, fine flowering and handsome foliage, flowers carmine-red. August, September.

4 to 5 ft. \$1.50
DOGWOOD (Cornus) **OREGON DOGWOOD**. Very handsome, deciduous tree. White flowers in April and May, followed by red fruits in Fall.

4 to 5 ft. \$1.50
DOGWOOD **WHITE FLOWERING** (Cornus Florida). Our native white dogwood is without a rival among ornamental trees of medium size. It is effective as a single specimen, or in groups.

2 to 3 ft. \$2.00
DOGWOOD **RED FLOWERING** (C. Florida Var. Rubra). Splendid variety having beautiful deep rosy-pink flowers freely produced, a desirable tree.
 2 to 3 ft. ~~50~~ \$1.50

DEUTZIA. **PRIDE OF ROCHESTER** (Deutzia Crenata). Tall, very beautiful. Flowers double white.

SLENDER (D. Gracilis) A very popular and desirable low growing shrub.

LEMOINE'S (D. Lemoinei) A very small shrub with spreading branches, usually about three feet tall. Leaves bright green, flowers white in large clusters.

DOUBLE PINK (D. Crenata Flora Rosa Plena). Beautiful dainty pink flowers. Very showy.

Clump 50c; 4 to 5 ft. 75c
ELDER (Sambucus) **CUT LEAVED** (S. Nigra Laciata) Deep, cut foliage.

GOLDEN LEAVED (S. Foliis Aurea) The finest in rich coloring of all the hardy shrubs; the entire foliage remaining a bright, golden color throughout the Summer. Should be in every collection.

Clump 50c; 3 to 4 ft. 75c

FILBERT (*Corylus*). PURPLE LEAVED
C. Maxima Purpurea) Leaves and husks
 purple; very ornamental. Nuts good.

Clump 75c

GOLDEN BELL (*Forsythia*) COMMON
 GOLDEN BELL (*F. Viridissima*) Most
 common; deep green foliage. Fine in par-
 tial shade.

FORTUNE'S GOLDEN BELL (*F. Sus-
 pensa Fortuni*) Bark bright yellow;
 blooms in dense masses of golden flowers
 in April.

GOLDEN LEAF (*F. Aurea*) The golden
 leaves of this form add additional attrac-
 tions and can be used effectively in shrub
 groupings.

Clump 75c

BUSH HONEYSUCKLE (*Lonicera
 Standisha*) Very beautiful.
 For others, see Vines.

2 to 3 ft. 50; 3 to 4 ft. 75c

HYDRANGEA. PANICULATA GRAN-
 DIFLORA. Heads extra large; cream
 color in bud, then turning pure white,
 finally changing to bronze.

HYDRANGEA ARBORESCENS. Showy
 umbels, June and July.

JAPANESE or HORTENSIA, blue, pink,
 white and others. Strong.

2 to 3 ft. 75c

LILAC (*Syringa*) COMMON PURPLE
S. Vulgaris) Very fragrant, an old favor-
 ite.

COMMON WHITE (*S. Vulgaris Alba*)
 Same as above. Flowers white.

3 to 4 ft. 50c

MOCK ORANGE (*Philadelphus*) COM-
 MON (*P. Coronarius*) Flowers large and
 slightly fragrant. Slender twig habit.
 HYBRID (*P. Lemoinei*) Double, carmine-
 violet. Very handsome.

3 to 4 ft. 75c

QUINCE FLOWERING (*Cydonia*) JAP-
 ANESE (*C. Japonica*) Very popular,
 blooms profusely in Spring. Flowers
 dazzling scarlet; splendid hedge.

2 to 3 ft. 75c

SNOWBALL (*Viburnum*) JAPANESE (*V.
 Tomentosum Plicatum*) Flowers pure
 white, delicate, large globular heads, in
 May.

COMMON (*V. Opulus Sterile*) Flowers
 globular, pure white, in May.

Clump 50c

SMOKE TREE (*Rhus Cotinus*) Low
 growing and shrubby, flowers feathery,
 appearing like a cloud of smoke.

Clump \$1.50

BARBERRY (*Barberris*) PURPLE
 LEAVED (*B. Vulgaris Atropurpurea*)
 Having purple foliage, very pretty.

COMMON (*B. Vulgaris*) Very graceful
 and well known; with showy fruit in Fall.

THUNBERG'S (*B. Thunbergii*)
 Dwarf; foliage small; changes to beautiful
 red in Fall. Fine for hedge.

2 to 3 ft. \$1.25

CRAB (*Malus*) BECHTEL'S FLOWER-
 ING (*M. Ioensis Bechtelii*) Flowers
 pink and very fragrant. In appearance, a
 tree of roses.

FLOWERING (*M. Floribunda*) Tree low
 growing, fine for lawn or to accompany
 similar shrubs.

12 to 18 in. \$1.50

AZALEA JAPANESE AZALEA (*A. Mol-
 lis*) Very bushy, a young and proficient
 bloomer. Colors, red, orange and yellow.

CHERRY (*Cerasus*) FLOWERING CHI-
 NESE. Large double white flowers.

FLOWERING SIEBOLDS RED. Large
 double red flowers.

FLOWERING SIEBOLDS WHITE.
 Large semi-double white flowers.

FLOWERING GYOIKI. Yellowish
 green flowers with green stripes.

DWARF (*B. Suffruticosa*) Small bush;
 leaves glossy, roundish; used for edging.

TREE (*B. Arborescens*) Large shrub;
 habit dense; foliage green and small.

Evergreen Shrubs

Clump 2 to 3 ft. 75c

BROOM (*Cytisus*) SCOTCH (*C. Sco-
 parius*) Branches drooping, covered in
 Spring with bright yellow pea-shaped
 flowers.

Clump 2 to 3 ft. 50c

WHITE FLOWERING (*C. S. Alba*)
 Same as Scotch. Flowers white.

Clump 2 to 3 ft. 75c

SPANISH (*Sparteum Junceum*) Same
 as Scotch; upright; branches leafless,
 superior to Scotch. Blooms continuously
 throughout the Summer, larger, nicer
 flowers; very desirable.

Broad Leaf Ever-greens

15th Oct 1915 \$2.50

CAMELLIA (*Camellia Japonica*) White, Pink or Red. Fine Winter flowering shrub with dark green glossy leaves; flowers waxy.

12 to 18 inches \$2.50

DAPHNE. WHITE (*D. Odora*) Low growing, flowers in Winter; foliage glossy.

12 to 18 inches \$2.50

PINK (*D. Odora*) Similar, with flowers pink, foliage variegated.

2 to 3 ft. \$2.50

HOLLY (*Ilex*) **EUROPEAN** (*I. Aquifolium*) A small tree; leaves shiny dark green, thorny. Berry bearing.

2 to 3 ft. \$2.50

GOLDEN VARIEGATED (*I. Aquifolium aureo-regina*) Leaves blotched creamy yellow with green border.

GOLDEN KING. One of the finest golden variegated with large leathery leaves, strong grower and of striking appearance.

2 to 3 ft. \$1.50

LAUREL. PORTUGAL (*Laurocerasus Lusitanica*) Dwarfish, leaves dark green, flowers very sweet.

2 to 3 ft. \$1.50

ENGLISH (*Laurocerasus*) Leaves broad, shining; flowers in clusters, creamy white. Purple berries.

18 to 24 inches \$1.50

LAURISTINUS. Many white flowers in Winter, fine hedge.

18 to 24 inches \$1.00

OREGON GRAPE (*Mahonia Aquifolia*) Shining, purple, prickly leaves; bright flowers, yellow; berries blue-black.

2 to 3 ft. \$1.00

PRIVIT CALIFORNIA (*Ligustrum Ovalifolium*) Very suitable, glossy leaves, almost evergreen. (Hedge).

12 to 18 inches, 8c Each

HYPERICUM. Aaron's Beard. Strong. Gold Flower, St. Johns Wort.

12 to 18 inches \$1.50

ABELIA GRANDIFLORA. Graceful evergreen shrub with small glossy leaves and beautiful small white flowers blushed with pink.

12 to 18 inches \$1.50; 3 to 4 ft. \$2.00
ANDROMEDA FLORIBUNDA (*Pieris*) Charming low-growing evergreen.

12 to 18 inches \$3.00
AZELA HINODEGIRI. Bright red color, profuse bloomer.

12 to 18 inches \$2.50
COTONEASTER. HORIZONTALIS. Delightful low-growing shrub. Glossy foliage almost evergreen, and bright red holly-like fruits. Fine for Rockery.

SIMONSII. More upright than the preceding. Prized for flowers and bright red berries.

MICROPHYLLA. Smaller shrub than *Horizontalis*; flowers white, usually solitary blooming in late Spring. Bright red berries lasting the greater part of Winter.

Clump, 12 to 18 inches 50c
12 to 18 inches \$1.50

BARBERRY—

BERBERIS DARWINI. Shrub with holly-like leaves and blue berries; clusters of yellow flowers adorn the branches in early Spring; desirable for hedges.

12 to 18 inches \$1.50

DULCIS. A new variety. Strong upright grower with beautiful glossy leaves.

12 to 18 inches \$1.50

STENOPHYLLA. Another new variety; dwarf, spreading habit. Flowers in Spring.

Clump, 12 to 18 inches \$1.50

BOX (*Buxus*) **VARIEGATED** (*B. Var.*) Leaves striped golden.

Corniferous Evergreens

2 to 3 ft. \$1.50

ARBOR VITAE (*Thuya*) **AMERICAN** (*T. Occidentalis*) Native, known as red cedar. Foliage bright green, yellow-green underneath; brown and bronze in Winter.

2 to 3 ft. \$1.50

GOLDEN (*T. Occidentalis aurea*) Elegant; habit regular; foliage tinged with gold in Spring.

2 to 3 ft. \$2.00

AMERICAN VARIEGATED PRYAMIDAL (*T. Occidentalis Pyramidalis*) Pyramidal form, foliage dark green.

2 to 3 ft. \$3.00	2 to 3 ft. \$3.00
ORIENTAL (T. Orientalis) Fine, with close ascending branches of a fan shaped appearance.	HEMLOCK (Tsuga) WESTERN (T. Hookeriana) Very beautiful and appealing; branches pendant and foliage deep green.
2 to 3 ft. \$2.50	2 to 3 ft. \$2.00
HOVEYII. Globular in form. Foliage light green.	JUNIPER (Juniperus) IRISH (J. Communis hibernica) Pyramidal in form, foliage silvery gray. Very striking.
2 to 3 ft. \$2.00	COMMON (J. Communis) Branches spreading. Fine tree.
CEDAR (Cedrus) DEODAR OR INDIAN CEDAR (C. Deodara) Very handsome; branches drooping; foliage silvery green. Very popular. Vigorous grower.	SWEDISH (J. Communis Suecica) Similar to Irish; upright; one of the best.
2 to 3 ft. \$3.00	2 to 3 ft. \$5.00
BLUE VIRGINIA CEDAR (Juniperus Virginiana Glaucia) Compact upright grower; foliage silvery blue.	JUNIPERUS. New Varieties. PHTZERIANA. A graceful growing variety with horizontal branches and grayish-green foliage.
2 to 3 ft. \$3.00	2 to 3 ft. \$3.00
VARIEGATED (C. Var.) A fine tree, same as Deodara with silvery white tipped foliage.	JAPAN CYPRESS (Retinospora) RETINOSPORA PLUMOSA. One of the best Japanese productions, being hardy and graceful with delicate foliage.
2 to 3 ft. \$2.50	RETINOSPORA FILIFERA. Perfectly upright leader and main branches quite horizontal. Foliage of a pleasing light green shade.
2 to 3 ft. \$2.00	RETINOSPORA OBTUSA. A tall growing variety with spreading graceful foliage, bright green underneath. This evergreen should be first choice where only one specimen tree is needed.
2 to 3 ft. \$2.00	2 to 3 ft. \$3.50
CYPRESS (Cypressus) New Varieties. BELLE DE BOSKOOP. Compact and erect grower. Beautiful blue foliage.	PINE (Pinus) AUSTRIAN (P. Austriaca) Well known and widely planted, especially at seashore, growth rapid, quite hardy.
2 to 3 ft. \$3.00	2 to 3 ft. \$2.50 per ft
ALLUMII. Handsome pyramid shaped conifer. Foliage greenish-blue.	CHILI OR MONKEY PUZZLE. Araucaria Imbricata) A fine tree of regular pyramidal form, leaves bright green, broad, thick, pointed and overlapping each other.
2 to 3 ft. \$3.00	2 to 3 ft. \$2.00
FILIFERA GLAUCA. A beautiful new conifer. Silvery blue foliage.	SCOTCH (P. Sylvestris) Robust growth; branches pendulous; leaves bluish green.
2 to 3 ft. \$3.00	2 to 3 ft. \$1.50
TRIUMPH OF BOSKOOP. Spreading habit; strong grower; one of the bluest conifers in cultivation.	YELLOW (P. Echinata) Rapid grower; hardy; splendid timber tree.
2 to 3 ft. \$2.00	2 to 3 ft. \$3.00
CYPRESS LAWSON'S (Chamaecyparis Lawsoniana) Graceful and conspicuous; branches horizontal, slightly pendulous, foliage dark green.	BULL (P. Ponderosa) Branches stout, ascending above, forming a loose pyramidal head.
2 to 3 ft. \$2.00	2 to 3 ft. \$3.00
FIR (Abies) AMERICAN BALSAM (A. Balsamea) Prized for its delightful aroma.	UMBRELLA (Sciadopitys Verticillata) Rare, very hardy; leaves dark green; Japanese origin.
2 to 3 ft. \$2.00	
NORMAN'S (A. Normanniana) Lustrous, deep green foliage; very symmetrical. One of the best.	
2 to 3 ft. \$3.00	
WHITE (A. Concolor) A fine spruce; rapid growth; very hardy. Very attractive.	

18 to 24 inches ~~11.50~~
SPRUCE (Picea) NORWAY (P. Excelsa)
 A lofty, rapid grower; branches drooping.
 Fine for hedge or wind break.

18 to 24 inches \$1.25
COLORADO BLUE (P. Pungens) The
 most beautiful of spruces; foliage silvery
 blue.

18 to 24 inches \$2.00
DOUGLAS (Pseudotsuga Mucronata)
 Somewhat similar to our hemlock, rapid
 grower.

18 to 24 inches \$1.25
SIR ALCOCK'S (P. Alcockiana) Euro-
 pean species, leaves green above and
 silvery blue beneath. Very compact in
 habit of growth.

18 to 24 inches \$4.00
KOSTER'S BLUE (P. Pungens Glauca)
 A strain with the brightest blue color yet
 obtained. New.

2 to 3 ft. ~~2.00~~
YEW (Taxus) AMERICAN (T. Canaden-
 sis) A native evergreen, hardy, prefers
 shade.

2 to 3 ft. \$2.00
ENGLISH (T. Baccata) Slow growth,
 densely branched, head spreading, dark
 green leaves.

2 to 3 ft. \$2.00
IRISH (T. Baccata Fastigiata) Upright,
 deep dark green foliage.
 2 to 3 ft. \$5.00

Apples

4 to 5 ft.
 50c each; \$4.50 per 10; \$40.00 per 100
 3 to 4 ft.
 40c each; \$3.50 per 10; \$30.00 per 100

SUMMER VARIETIES

RED JUNE—Medium, oblong, deep red;
 excellent for table use; one of the best
 early apples.

RED ASTRACHAN—Large, deep crimson,
 flesh white, moderately juicy, with an
 agreeable rich acid flavor; very productive.
 August.

WHITE ASTRACHAN—Greenish white,
 very showy, constantly growing in favor
 where known. Late. July.

YELLOW TRANSPARENT—Medium
 size, roundish, slightly conical; skin pale
 yellow; flesh tender, juicy, sub-acid; good;
 bears at an early age. July.

EARLY HARVEST—Medium size; bright
 straw color; tender and fine; good for
 table and cooking. July.

GOLDEN SWEET—Large, pale yellow,
 tender and rich; good for cooking; fine
 bearer. August.

GRAVENSTEIN—Large, beautifully dashed
 with deep red and orange; tender and
 crisp, with a highly aromatic flavor; tree
 very vigorous. August.

AUTUMN

ALEXANDER—Large, conical; greenish-
 yellow, streaked with orange and bright
 red in the sun; flesh yellowish white of
 medium quality; very hardy and product-
 ive. October.

DUHCESS OF OLDENBURG—Large,
 yellow streaked with red; tree vigorous
 and very productive; juicy, with rich sub-
 acid flavor. September.

FAMEUSE (Snow Apple)—Medium, round-
 ish, greenish-yellow, with streaks of deep
 red on sunny side; flesh remarkably white;
 fine dessert fruit. October to December.

FALL PIPPIN—Yellowish green; good
 cooking apple. September.

GLORIA MUNDI—Large green, fine sauce
 apple. Last of September.

RED BEITIGHEIMER—Very large; cream
 colored, flushed with red; fair quality.
 September.

MAIDEN'S BLUSH—Medium, well shaped;
 yellow, with a very distinct red cheek on
 the sunny side; flesh white; pleasant, sub-
 acid flavor; excellent for table or cooking.
 September.

RAMBO—Medium, yellowish white, streak-
 ed yellow and red; tender, rich and sub-
 acid; very productive. September to No-
 vember.

WAXEN—Fruit medium; skin pale yellow;
 flesh crisp, tender, juicy sharp acid; one
 of the best for drying. October.

GOLDEN RUSSET—Medium, dull russet,
 with a tinge of red; flesh crisp, juicy and
 highly flavored. September.

WEALTHY—Medium, whitish yellow,
 shaded with deep red; flesh white, tender
 and juicy. October.

WINTER VARIETIES

ARKANSAS BLACK—Medium, round;
 yellow where not covered with a beau-
 tiful dark maroon, approaching black;
 flesh firm, fine grained, juicy; a long
 keeper. December to April.

BALDWIN—Large, rounded; deep, bright red; very productive; crisp, fine flavor; one of the best and most popular winter apples. November to February.

ORTLEY, OR WHITE BELLFLOWER—White fleshed, fine grained conical fruit of superior flavor; one of the best. December to April.

RED CHEEK PIPPIN—Excellent variety; sub-acid flavor; yellowish green color; red cheek; large size; good bearer. Keeps till March.

SPITZENBERG—Large, oblong; yellowish ground with broken stripes of bright red; flesh yellowish, juicy, delicious rich flavor. November to March.

YELLOW BELLFLOWER—Large, oblong, yellow, sometimes a blush in the sun; flesh firm, crisp, juicy, sub-acid; tree a good grower and very productive; succeeds well in this valley. October to January.

WAGENER—Good size; deep red in the sun; flesh firm and fine grained; good keeper; sub-acid; excellent filler; requires thinning. October to December.

YELLOW NEWTOWN PIPPIN—Large; skin smooth, golden yellow; flesh firm, crisp, juicy; one of the standard varieties for export. December to May.

KING—Large and handsome, striped red and yellow; tree vigorous and productive. November to December. Good mountainous apple.

JONATHAN—Tree vigorous, long lived and an early bearer. Fruit beautiful red and oblong; fine quality. Valuable as a pollenizer with Spitzenberg and Newtown. October to January.

MAMMOTH BLACK TWIG—Very large; bright red, pleasant sub-acid; fine late keeper; fine, vigorous tree. November to January.

NORTHERN SPY—Large, round, greenish yellow, stripes of purplish red; flesh white, juicy, brisk sub-acid; valuable for "top work." Requires good soil. December.

RHODE ISLAND GREENING—Large, greenish yellow; flesh yellow, fine grained, tender, crisp, juicy and aromatic; excellent for cooking and table. October.

ROME BEAUTY—Large, yellow, shaded with bright red; juicy and sub-acid; fine market sort; good bearer. November to February.

WINESAP—Medium yellow ground, streaked with red; flesh yellow, with rich, high flavor; excellent for table and making cider. December to April.

WOLF RIVER—Large and handsome; greenish yellow; shaded with dark and light red; tree a strong grower and good bearer. September to November.

STAYMAN WINESAP—A seedling of the Winesap. Yellow striped with red. Flesh firm, crisp, juicy and very tender and rich, sub-acid. A drought resister; a profitable market variety. January, May.

NOVEL LADY APPLE—A noble, dainty, small flat apple; red cheek. Good Christmas fruit. Tree upright and vigorous.

TOLMAN'S SWEET—Medium size, pale, whitish yellow, tinged with red; flesh firm; rich and very sweet; best to preserve; vigorous, productive. November to April.

GRIMES GOLDEN—Very popular. Rich golden yellow; flesh tender, juicy and rich. Tree hardy and vigorous, bearing young. November to December.

DELICIOUS—A splendid apple; coming into prominence rapidly. Tree vigorous and hardy and the fruit equals the name in every respect. Fine for market and home use and especially adapted to Eastern Oregon and Washington. Keeps till April.

McINTOSH RED—A seedling of the Fameuse; bright red, flesh white, very tender and delicious. Long lived and very productive. Adapted to Montana. November.

BISMARCK—The apple novelty; everyone should try it; tree of short, stocky growth, thick, healthy foliage; fruit large, handsome, yellowish, sometimes shaded red cheek; flesh tender, pleasantly sub-acid; entirely new; seldom failing to bear when two years old. September.

MULTNOMAH (New)—A grand new sort; a hybrid between the American Pippin and Rome Beauty. Originated by H. A. Lewis. Fruit, large; color red, striped yellow; flesh white and fine and of sub-acid flavor; extra long keeper and in its prime from February to June; the coming apple for long distance shipment and Oriental trade. Price, each, 50c.

WINTER BANANA—Fancy market fruit; pale yellow with pink blush. Has a delightful aroma and suggestive banana flavor. Not a good shipper. November.

Crab Apples

4 to 6 ft., 75c each, \$6.00 per 10
3 to 4 ft., 60c Each, \$5.00 per 10

HYSLOP—Large, deep crimson; tree hardy, fine for the West. November, January.

RED SIBERIAN — Yellow with scarlet cheek. Bears young and abundantly. September.

FLORENCE — Large, handsome; red striped; early; good annual bearer, juicy and crisp; fine for the home garden. September 1.

TRANSCENDENT — Very large, pleasant flavor and good for cider; yellow striped red. Very productive. Adapted to Montana. September.

YELLOW SIBERIAN—Fruit small, fine golden yellow. Good. August.

Apricots

4 to 5 ft., 60c each, \$5.00 per 10, \$45.00 per 100
3 to 4 ft., 50c each, \$4.50 per 10, \$40.00 per 100

THE LEWIS—The new Lewis Apricot is the largest, strongest growing, best yielding, best flavored apricot we have ever seen, and is perfectly hardy. Grown extensively in the "Goodnoe Hills" district. July, August.

MOORPARK—Very large, yellowish green, brownish red on the sunnyside; flesh bright orange; fine for canning and drying; freestone. July, August.

ROYAL—Above medium size; sweet, rich, juicy; good dryer and canner. July.

TILTON—Large; rich color, high flavor; very productive; similar to Royal; later. July.

BLENHEIM — Deep orange, sometimes blushed; tender, rich and juicy. Tree vigorous. Good for Pacific Coast. Last of June.

Pears

SUMMER VARIETIES

4 to 5 ft., 75c each, \$7.00 per 10, \$60.00 per 100
3 to 4 ft., 60c each, \$5.50 per 10, \$50.00 per 100

BARTLETT—Large; skin thin, clear, lemon yellow, with soft blush on the sunny side; flesh white, buttery, very juicy and highly flavored; the best summer pear in existence. August, September.

SECKEL—Rich and highly flavored; its highly concentrated, spicy, honey flavor is unequaled; skin brownish green, russet brown cheek; flesh whitish, buttery and melting. September, October.

CLAPP'S FAVORITE—Large, pale lemon yellow, marbled with crimson; flesh fine grained and melting, with rich vinous flavor. July, August.

AUTUMN VARIETIES

BEURRE BOSC—Large, beautiful, russety; highly flavored; fine for shipping. September.

LOUISE BONNE DE JERSEY—Large, greenish yellow, brownish red in the sun, marked with gray dots; flesh juicy, melting; very prolific. October.

BEURRE D'ANJOU — Large, handsome, fine flavor; tree vigorous; heavy bearer; keeps till Christmas. September.

KIEFFER—A good shipper and keeper. Large and very handsome; yellow and dotted. Flesh slightly coarse but juicy. October.

FALL BUTTER—A favorite fall pear; yellow, sweet and juicy. September.

BEURRE CLAIRGEAU — Large, yellow, shaded with orange and crimson; covered with russet dots; flesh yellowish, buttery, juicy. September.

COMICE—A splendid commercial variety, being of fine size; good appearance; ships well. October.

FLEMISH BEAUTY — Large, beautiful; rich and sweet; pale yellow with slight russet. Adapted to Montana and the Northwest. September, October.

WINTER VARIETIES

WINTER NELLIS—Medium; skin yellowish green, dotted with gray russet; flesh yellowish white; fine grained, of a rich saccharine, aromatic flavor. December.

VICAR OF WAKEFIELD—Large, long, green in color; sweet, good keeper; heavy yielding; hardy winter sort.

P. BARRY—Fine keeper. Very large; juicy, fine grained, yellow. December, March.

WINTER BARTLETT—This fine pear originated in Eugene, Oregon. Fruit large, closely resembling the famous Bartlett in shape and appearance, but ripening considerably later; flavor almost identical with the Bartlett; is undoubtedly one of the few pears of recent introduction of real merit.

BUERRE EASTER—Large, oval, yellow, with red cheek; excellent winter pear; February, January.

POUND PEAR—Intensely large; coarse grained, for cooking and preserving. Fair keeper. November, January.

Cherries

3/4 75¢ 6.50-10 \$60 per 100
4/6 1.00 8.50-10 \$75 " "

BURBANK (Burbank's Production)—The earliest of all large cherries; the fruit is extremely large for an early cherry, attractive deep crimson color, and of superior quality. The Burbank produces as well or better than most late cherries, but it brings the early market price. This cherry means profit to you.

BING—Originated in Oregon, from seed of Black Republican; fruit large, dark brown or black; very fine; late; good shipping variety. July.

BLACK TARTARIAN—Largest size; flesh purple, crisp, tender and juicy. Late May.

BLACK REPUBLICAN (Lewelling) — Seedling, raised by Seth Lewelling, of Oregon; large size, black, sweet, with purplish flesh; late and a good shipper. June.

KENTISH (Early Richmond)—Dark red, juicy; one of the best sour cherries and unsurpassed for cooking purposes; very productive. Mid-May.

LATE DUKE—Large, light red; late and excellent, sub-acid. Late July.

OREGON—Large, black, solid, free, vigorous and productive; a fine shipper. July.

ENGLISH MORELLO—Large deep red; tree small and slender. July.

WATERHOUSE (Long Stem)—Best polisher for Bing, Royal Ann and Lambert. Light red; smaller than Royal Ann.

MONTMORENCY — Large, sour fruit, similar though larger than the Early Richmond. Quite hardy. May.

LAMBERT—Fruit of largest size and of fine quality; color deep, rich red; flesh firm and of fine flavor; a fine market variety; ripens two weeks later than Royal Ann. Mid-July.

MAY DUKE—Large, rich, dark red; flesh tender, juicy and sub-acid; an excellent variety, and one of the earliest of its class. May.

ROYAL ANN (Napoleon Bigarreau) — A magnificent cherry of the largest size; pale yellow, becoming amber in the shade; richly dotted and spotted with deep red, and with a bright red cheek; flesh very firm, juicy and sweet; tree a rapid grower and immense bearer. July 1.

MAJOR FRANCIS (Ox Heart)—Similar to the May Duke, though a little more spicy in flavor. Ripens earlier than May Duke.

Quince

75c each

CHAMPION—Large, yellow; flesh cooks very tender; flavor is most delicious; more productive than the Orange. October.

APPLE OR ORANGE—Well known standard variety; early; large, golden yellow; good for preserving or flavoring. September.

MEECH — Beautiful yellow, but rather small; not so marketable as some larger sorts. Tree a young and unfailing bearer.

PINEAPPLE—Flavor is suggestive of the pineapple; the fruit resembles the Orange quince; making superior jelly; can be eaten raw and has a most exquisite and delicious flavor, not equaled by any other quince. September.

Prunes

Prunes Other Than Italians

4 to 6 ft. 50c each, \$4.00 per 10, \$35.00 per 100
3 to 4 ft. 40c each, \$3.00 per 10, \$25.00 per 100

Italian Prunes

6 to 8 ft. 50c each, \$4.00 per 10, \$35.00 per 100,
\$300.00 per M.
4 to 6 ft. 40c each, \$3.50 per 10, \$30.00 per 100,
\$275.00 per M.

GIANT—Largest prune known; fruit averaging $1\frac{1}{2}$ to 2 ounces each; retaining the good qualities of the smaller varieties.

HUNGARIAN—Very large; dark red, juicy and sweet; good shipper. August.

SUGAR (New)—Tree vigorous grower; early variety; fruit ripens 28 days before the French; is four times as large and dries in half the time; flesh tender and rich in sugar; color dark purple. Early August.

PACIFIC—Large, sweet; same color as Italian. Good canner or to eat raw. Early August.

PETITE (French)—Medium, egg shaped; violet purple; sweet, rich and sugary; very productive; standard variety for drying. August.

SILVER — Seedling of the Coe's Golden Drop; tree vigorous and productive; fruit large and superior; excellent for drying or canning. September.

ITALIAN (Fellenberg)—Large, oval, tapering at both ends; dark purple; flesh greenish yellow; separates freely from the stone; best for drying. August.

NEW STANDARD (Burbank Production)—The trees are enormous and never failing bearers, and good, healthy growers. Well grown fruits measure four and a half inches around one way by nearly six inches the long way. Skin purple, with a heavy blue bloom; flesh amber or honey yellow, fine grained, juicy, yet firmer than most other drying prunes, very sweet and a perfect freestone.

Plums

4 to 5 ft., 50c each, \$4.50 per 10, \$40.00 per 100
3 to 4 ft., 40c each, \$3.50 per 10, \$30.00 per 100

BRADSHAW — Redish purple, juicy and pleasant; adheres partially to the stone. July.

COLUMBIA—Largest size, nearly globular; brownish purple; rich, sugary, free-stone. August.

DAMSON—Small, oval, bluish purple; flesh melting, rather tart. Tree very fruitful and hardy. August.

DAMSON—SHROPSHIRE—Medium size, dark purple; very firm; flesh greenish, juicy and rich. Vigorous. Late September.

PRINLEW PLUM—Best large Plum for fruit market. Larger than Giant Prune and quite solid meat. Good shipper. \$1.00 each, \$8.50 per 10.

SATSUMA (Blood Plum)—Quite popular; large, dark red from skin to pit, which is small, firm and juicy; tree productive. Early July.

MAYNARD—Dull red, large, round and firm; rich and sweet; sturdy, quick-growing, heavy-yielding variety; extra fine; ripens in July.

PEACH—Very large; skin brownish red, slightly coarse grained, but juicy; freestone; very popular. July.

WASHINGTON—A large plum; skin dull yellow, with a pale crimson blush; flesh firm; very sweet and luscious; freestone. Early August.

YELLOW EGG—Very large; skin of a deep golden color, but rather acid; excellent for cooking; very showy. August.

GREEN GAGE—Small round; flesh pale green, melting and juicy; freestone. Mid-July.

COE'S GOLDEN DROP—Very large; light yellow; sweet and delicious. Late September.

REINE CLAUDE—Fine for canning, greenish yellow, spotted with red, of finest quality. Late September.

WICKSON—Heart shaped; deep red with white bloom. Flesh amber color and good quality, very juicy; large, and a good shipper and keeper. Early August.

Peaches

4 to 5 ft., 60c each, \$5.00 per 10, \$45.00 per 100

EARLY ALEXANDER—One of the largest and best of the extra early varieties. Almost freestone. July.

HALE'S EARLY—Early, free; extra quality; hardy; prolific.

EARLY CRAWFORD—Very large, yellow, with red cheek; flesh sweet and excellent; our most popular peach for table and canning; freestone. August.

ELBERTA—Very large, bright yellow, red cheek; flesh yellow; juicy, sweet; regular bearer; fruit very showy and perfect freestone. Late July.

LATE CRAWFORD—Very large, roundish; yellow, with dark red cheeks; flesh deep yellow; juicy and melting; flavor rich and excellent; freestone; valuable for canning and drying. September.

MUIR—Large, pale yellow; very firm and sweet; best for drying; freestone. August.

MAYFLOWER—Beautiful red all over; extremely early; tree hardy and healthy. Should be in every home and commercial orchard. Last of June. Free.

LOVELL—Leads all other freestones, especially in California; medium to large; shaded red; flesh firm and rich. Fine for canning, drying and shipping. Tree vigorous and good bearer. August.

TUSCAN CLING — Very large; yellow, blushed red. Vigorous and strong grower. July and August.

CROSBY — Medium; rich orange with slight red blush; freestone, pit small, flesh yellow, sweet and juicy. Good shipper; rank grower. Ripens before Crawfords Late.

SALWAY — Creamy yellow, red cheek; flesh deep yellow, red at the pit; rich and sweet; a standard late peach, growing more and more in favor with orchardists; freestone. Late September.

Nectarines

4 to 5 ft., 60c each, \$5.00 per 10, \$45.00 per 100

BOSTON — Large, deep yellow, bright blush; flesh yellow; very rich and luscious. Best for Oregon. August 1.

EARLY VIOLET — Medium; skin pale, shaded violet; flesh white; good. July.

Grapes

25c each, \$2.00 per 10, \$15.00 per 100

CAMPBELL'S EARLY — Berries large, nearly round, black, with light purple bloom; flesh rather firm but tender; quality rich, sweet, slightly vinous; a strong and vigorous grower. August.

MOORE'S EARLY — Bunch medium; berry large, resembling Concord, but more pulp and is earlier.

CONCORD — Large, black grape; bunches compact; berries round, sweet and pleasant. August.

DELAWARE — One of the finest of our native grapes; grows freely and is perfectly hardy; ripens early; berries small, light red. August.

EATON — Vigorous grower; very productive; bunches large, compact; fruit large, round, black, covered with a thick blue bloom. September.

NIAGARA — Bunch medium; berry large, roundish, uniform; skin thin but tough; pale yellow; flesh tender and sweet; vine vigorous and productive; one of the best white grapes. September.

WORDEN — Bunch very large and compact; berry large, black; an improved Concord. Late August.

EUROPEAN VARIETIES

FLAMING TOKAY — Large, light red; flesh firm and sweet; fine table sort and a good shipper. September.

MUSCAT — Raisin variety; especially adapted to California. September.

Dewberry

20c each, \$1.50 per 10, \$12.50 per 100

LUCRETIA — Very popular, trailing vine. Fruit soft, sweet and with no hard core. Hardy, good for this Coast. Last of May.

Blackberries

20c each, \$1.50 per 10, \$10 per 100, \$80 per 1000

KITTATINNY — Large, roundish, conical, glossy black, juicy, sweet, excellent when fully ripe. July.

ELDORADO — A valuable new variety; fruit large, jet black, melting, sweet and rich; hardy and very productive; fine for Oregon.

15c each, \$1.25 per 10, \$12.50 per 100, \$90 per 1000

LAWTON — Fruit large; very productive; well and favorably known; Oregon's most popular kind.

EVERGREEN — An Oregon introduction; beautiful lacinated foliage, which it retains all winter; berries long, black, sweet, rich and delicious; ripens from July to November.

HIMALAYA GIANT — An exceedingly strong rampant grower of a trailing nature; everbearing; an enormous yielder. The berries are large, juicy, coreless, sweet and firm, with a delicious aromatic flavor. Its deep-rooting qualities enable it to produce a large, firm berry even in a very dry season.

BURBANK'S THORNLESS. 50c Each.

THORNLESS MAMMOTH BLACKBERRY (Cory) — Largest and best Blackberry known. Vigorous grower, heavy bearer, ripens early. Price 25c.

Loganberry

15c each, \$1.25 per 10, \$12.50 per 100, \$90 per 1000

The fruit is generally larger than the blackberry, often an inch and a quarter long; color, dark red and produced in immense clusters. It partakes of the flavor of both the blackberry and raspberry, a mild, pleasant, vinous flavor, delicious and peculiar to this berry alone. Fruit ripens early, the bulk being gone before the blackberries or raspberries become plentiful. It is excellent for the table, eaten raw or stewed and is excellent for jelly or jam. June.

PHENOMINAL BERRY—Very Similar to Logan in general appearance, flavor, etc. Claimed by some to be superior to Logan.

Raspberries

15c each, 75c per 10, \$4.00 per 100, \$20 per 1000

ST. REGIS—One of the greatest raspberries ever introduced. Berries are large and beautiful, firm and full flavored to the very last. It is the only raspberry, as far as known, that is practically sure to produce a crop of fruit the season planted.

CUTHBERT—Deep rich red, large and firm; one of the best market berries. Very strong, hardy and productive; ripens medium to late.

MARLBORO—Standard, light crimson, large, very firm; should be planted with Cuthbert as commercial variety; ripens early.

GOLDEN QUEEN—Yellow, large, fine quality; hardy and productive; should be in every home garden.

Black Caps

20c each, \$1.50 per 10, \$12.50 per 100, \$90 per 1000

PLUM FARMER—New; very promising as a table and market berry; large black, hardy and productive. Good quality.

GREGG—Of good size, fine quality; very productive and hardy. It takes the same position among black caps as Cuthbert among the red sorts.

CUMBERLAND—Black; very large; similar to Gregg if not better.

KANSAS—Black. Similar to Gregg, ripening earlier. Good commercially; strong grower and productive. Drouth resistant.

Gooseberries

25c each, \$2.00 per 10, \$15 per 100, \$100 per 1000

OREGON CHAMPION—Berries very large, pale green color; very sweet and fine for table use and pies; bush strong, not very thorny; very prolific bearer; most popular sort we have.

RED JACKET (Josselyn)—Of large size; smooth, prolific and hardy; of best quality; a wonderful cropper, with bright, clean, healthy foliage.

PEARL—Large, light yellowish green; very hardy and free from mildew; superior in size and quality. Very prolific.

Currants

NEW VARIETIES

25c each, \$2.00 per 10, \$15 per 100, \$100 per 1000

PERFECTION—New; largest and most prolific Currant; bright red, rich flavor, mild sub-acid; no currant can approach in yield or quality this wonderful new currant.

WHITE CURRANTS

WHITE TRANSPARENT—The best white currant known. To be classed with the Perfection red. Splendid for market and table use; berries large, having a rich flavor, mild sub-acid. Vigorous and very productive.

BLACK NAPLES—Very large, black, rich, tender and fine for jellies and wine. Productive and vigorous.

STANDARD VARIETIES

CHERRY—Very large; deep red; fine for preserving; valuable market variety.

FAY'S PROLIFIC—Bright red, very sweet, stems longer than Cherry and fruit hangs on better than most varieties. To be planted with Cherry.

Strawberry Plants

\$1.00 per 100, \$6.00 per 1000

GOLD DOLLAR—Very early; large, dark red to the center. Foliage heavy, large and spreading, which protects the blooms from frosts; strong stem; a heavy cropper. A price getter and steadily coming into prominence. Early.

CLARK'S SEEDLINGS—Hood River berry; fine shipper; fruit large, firm and delicious; a prolific bearer and especially adapted to dry soil. Medium early.

WILSON—An old standard, a heavy bearer of medium sized berries, sharp acid flavor and splendid for canning and preserving. Medium late.

NEW OREGON—Almost an everbearer, a fine cropper and for general purpose or fancy market cannot be equalled. Fruit very large, firm and even in form. Flavor rich, sweet and delicious. Unexcelled for table or for canning. Hardy. Long cropping.

MARSHALL—Very large, dark crimson, fine flavor, good quality; a fine market and table fruit.

MAGOON—A standard variety adapted to Western Oregon and Washington; fruit large, fine and excellent, flavor sub-acid; bears heavily throughout season.

Asparagus Roots

50c per 10, \$2.00 per 50, \$3.00 per 100

CONOVER'S COLOSSAL—Best for general planting; tender and highly flavored.

COLUMBIAN MAMMOTH WHITE—Large, white, tender and good, fine market sort.

PALMETTO—A valuable sort; earlier, producing enormous and delicious spikes.

Rhubarb Roots

25c each, \$1.50 per 10, \$12.50 per 100

MYATT'S LINNAEUS—Large, early, tender and fine, hard to equal.

VICTORIA MAMMOTH—Very large, long stalks; splendid market sort, requiring rich soil.

Nut Trees

3 to 5 ft., 75c each, \$6.00 per 10, \$50.00 per 100

ALMOND (Nut Bearing)—Almonds can be grown successfully in many sections of Oregon and Washington, and are attracting much attention from commercial orchardists. We can supply most of the leading varieties at price listed. Special prices on large orders.

I. X. L.—A vigorous grower and sure crop, producing nuts of large size and handsome appearance; shell thin; most popular commercial sort.

NONPARIEL—Tree beautiful, slightly weeping; nut sweet and shell very thin. Best for the home.

NE PLUS ULTRA—Large and very long; soft shell; hulls free. Tree heavy and regular bearer.

JAPANESE WALNUT—Vigorous tree from Japan, similar to our native Black Walnut in habit of growth. Nuts fine quality.

HICKORY

3 to 5 ft., \$2.00 each, \$15.00 per 10

SHELLBARK—Popular Eastern variety, tree hardy but slow grower. Nuts medium size, very good. Quality excellent.

CHESTNUT

3 to 5 ft., 75c each, \$6.00 per 10

AMERICAN SWEET—Makes a handsome shade tree; full medium size, sweet and well flavored.

SPANISH—A valuable species, both for ornamental use and fruit. It forms a handsome lawn tree and produces much larger fruit than the American variety.

MAMMOTH JAPANESE—A variety we import from Japan; yields much the best and largest fruit.

BUTTERNUT

3 to 5 ft., 75c each, \$6.00 per 10

A beautifully formed tree bearing a rough coated nut of most attractive flavor, well known to the Middle West. Succeeds fairly well in the Pacific States.

WALNUTS

CALIFORNIA BLACK—A rapid grower and very desirable; nut medium size, with hard, smooth shell. Adapts itself easily to different climates.

4 to 6 ft., \$1.75 each, \$15.00 per 10

FRANQUETTE (Grafted on California Black)—Quite large elongated oval, and very attractive, kernel full, sweet and of a rich nutty flavor. The best to plant. Comes to bearing much younger than seedling Walnut.

6 to 8 ft., \$2.25 each, \$20.00 per 10

FRANQUETTE AND MAYETTE—Second generation, soft shell, selected stock; very good, sweet and good tasting. Trees hardy and prolific bearers. Nuts are rich and meaty, finest commercial sorts.

FILBERTS

2 to 3 ft., 75c each, \$5.00 per 10

2 to 3 ft., 75c Each; \$5.00 per 10

BARCELONA—Magnificent large nut from Spain, first quality; can be grown as low standard tree or bush.

2 to 3 ft., 75c Each; \$5.00 per 10

DU CHILLY—The largest Filbert on Pacific Coast. Nuts are broad, 1 inch by $\frac{3}{4}$ of an inch; full fleshed and sweet; best grown as low standard. Special prices on large orders. DuChilly is a good polonizer for Barcelona.

2 to 3 ft., 75c Each; \$5.00 per 10

KENTISH COB—An English variety, of fair quality and liked by many planters. Nuts large and good tasting.

PECAN

3 to 5 ft., \$2.00 each, \$15.00 per 10

AMERICAN—

Persimmons

3 to 5 ft., 75c each, \$6.00 per 10

AMERICAN PERSIMMONS—

3 to 5 ft., \$1.50 each, \$12.50 per 10

JAPANESE PERSIMMONS—

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DISTANCES RECOMMENDED FOR PLANTING

Apples (Standard)	25 to 40 ft. each way	Currents	5 ft. x 3 ft.
Pears (Standard)	20 to 35 ft. each way	Gooseberries	5 ft. x 3 ft.
Quince	15 ft. each way	Strawberries (hills)	36 in. x 18 in.
Peaches	18 to 24 ft. each way	Strawberries (matted rows)	48 in. x 12 ft.
Plums	15 to 20 ft. each way	Grapes	8 x 8 to 10 x 12 ft.
Cherries	25 to 40 ft. each way	Asparagus	4 x 1 ft.
Blackberries	6 ft. x 4 ft.	Rhubarb	4 x 2 ft.
Raspberries	6 ft. x 3 ft.		

NUMBER OF PLANTS PER ACRE AT VARIOUS DISTANCES

In Planting Trees the Greater Distance Should Be Given in the Richer Soils

DISTANCE APART.	Square Method.	Triangular Method.	DISTANCE APART.	Square Method.	Triangular Method.
1 foot apart each way	43,560	50,300	15 feet apart each way	193	223
2 feet apart each way	10,890	12,575	16 feet apart each way	170	196
4 feet apart each way	2,722	3,143	20 feet apart each way	108	125
6 feet apart each way	1,210	1,397	25 feet apart each way	70	81
9 feet apart each way	537	620	30 feet apart each way	48	55
10 feet apart each way	435	502	40 feet apart each way	27	31

RULE SQUARE METHOD—Multiply the distance in feet between the rows by the distance the plants are apart in the rows; this gives the number of square feet for each plant or hill, divided into the number of feet in an acre (43,560) gives the number of plants or trees to an acre.

RULE TRIANGULAR METHOD—Divide the number required to the acre "square method" by the decimal .866. The result will be number of plants required to the acre by triangular planting.

Spray Calendar—When to Spray, What to Use

Insect or Disease	Plant Attacked	What to Spray With	First Spraying
Codling Moth	Apple, Pear	Arsenate of Lead	Just before calyx cups close.
San Jose Scale		Scalecide Standard Sulphur-Lime Solution	When leaves are off the tree.
Oyster Shell Bark Louse	Apple, mainly	Standard Sulphur-Lime Solution	When leaves are off the tree.
Peach Moth or Twig Borer	Peach	Scalecide, 1 part to 20 parts water	When the insects appear.
Wolly Aphis	Apple	Scalecide, 1 part to 40 parts water	When the insects appear.
Aphis	Roses and plants	Aphisicide, Fir Tree Oil Soap	Just as soon as the insects appear.
Cabbage Worm	Cabbage	Bug Death (non-poisonous)	Before the worms eat into the cabbage.
Cabbage Aphis	Cabbage	Scalecide, 1 part to 40 parts water	When the insects appear.
Slug	Pear, Cherry, Peas	Slug Shot, or Bug Death	When the insects appear.
Thrips	Roses	Thrip Juice, or Aphisicide	When the insects appear.
Cottony Scale	Pear, Currant	Scalecide, 1 part to 40 parts water	When insects become cottony (May).
Scab	Apple, Pear	Bordeaux	Just before blossoms open.
Blackspot Canker	Apple	Bordeaux, double strength	Immediately after leaves fall.
Leaf Curl	Peach	Standard Sulphur-Lime Solution	Before buds burst.
Mildew	Gooseberry	Potassium Sulphide 1 ounce to 2 gallons water	Just as buds burst.



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